

Abstract

Drive means for motor vehicles, comprising an internal combustion engine (1) and an unsynchronised autoshift gearbox (9). The clutch and the gearbox are s controlled by
5 an electronic transmission control unit (45) which communicates with an engine control unit (48), to which are fed signals representing the selected gear from a gear selector (46) and signals representing various engine and vehicle data. The input shaft of the gearbox is coordinated with a torque sensor (60), which provides a signal dependent of the torque on the input shaft to to the transmission control unit, which is
10 disposed to continuously register the current torque on the input shaft and utilize the torque signal from the torque sensor to calculate the current vehicle motion resistance. The gear selection is made here based on the calculated vehicle motion resistance.

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



10/518078



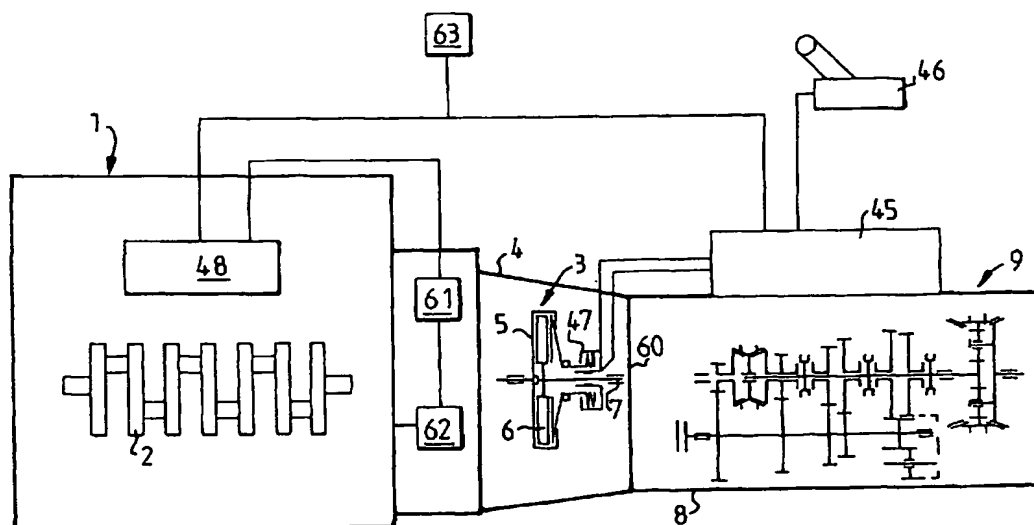
(43) International Publication Date
24 December 2003 (24.12.2003)

PCT

(10) International Publication Number
WO 03/106212 A1

- (51) International Patent Classification⁷: B60K 41/04, F16H 61/02
- (21) International Application Number: PCT/SE03/01018
- (22) International Filing Date: 17 June 2003 (17.06.2003)
- (25) Filing Language: Swedish
- (26) Publication Language: English
- (30) Priority Data:
0201878-6 17 June 2002 (17.06.2002) SE
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DRIVE MEANS FOR MOTOR VEHICLES



(57) Abstract: Drive means for motor vehicles, comprising an internal combustion engine (1) and an unsynchronised autoshift gearbox (9). The clutch and the gearbox are controlled by an electronic transmission control unit (45) which communicates with an engine control unit (48), to which are fed signals representing the selected gear from a gear selector (46) and signals representing various engine and vehicle data. The input shaft of the gearbox is coordinated with a torque sensor (60), which provides a signal dependent of the torque on the input shaft to the transmission control unit, which is disposed to continuously register the current torque on the input shaft and utilize the torque signal from the torque sensor to calculate the current vehicle motion resistance. The gear selection is made here based on the calculated vehicle motion resistance.